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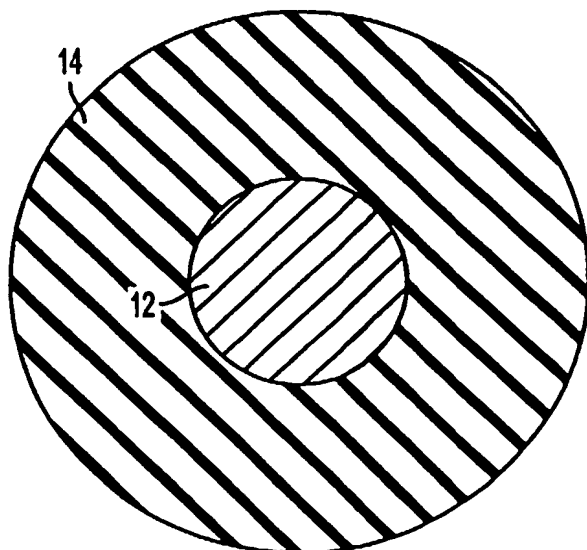
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **MAGNET WIRE INSULATION COMPRISING A HIGH-TEMPERATURE SULFONE POLYMER BLEND**



(57) Abstract: A magnet wire containing a melt processable, thermoplastic resin blend insulative coating developed for use in high temperature electrical insulation systems. The invention relates to a high temperature electrical insulation containing a sulfone polymer blend for particular use with magnet wire. The sulfone polymer blend contains two poly(aryl ether sulfones), such as polyphenylsulfone and polysulfone.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08L81/06 H01B3/30 H01B13/14 H01B3/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 164 466 A (DICKINSON BARRY L ET AL) 17 November 1992 (1992-11-17) column 6, line 58 - line 59 examples claims ---	1-12, 27-33
Y	US 3 676 814 A (TRUNZO FLOYD F ET AL) 11 July 1972 (1972-07-11) claims ---	1-33
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Y	US 6 075 100 A (EL-HIBRI M JAMAL) 13 June 2000 (2000-06-13) Blends A and B table 1 ---	1-33
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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